



00684.002745

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Naoto SANO, et al.) Examiner: L. Scott, Jr.
Appln. No.: 09/163,402) Group Art Unit: 2828
Filed: September 30, 1998)
For: GAS LASER DEVICE AND)
EXPOSURE APPARATUS USING)
THE SAME) October 6, 2004

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

REMARKS

Japanese Laid-Open Patent Application, Publication No. 03-295285 shows a gas laser device in which the number of revolutions of a turbo blower high-frequency motor is changed between a base discharge period and a maximum output period.

Japanese Laid-Open Patent Application, Publication Nos. JP 02-013769, JP02-069785, JP04-057077 and Japanese Utility Model Application No. 62-109634 and 64-015249 disclose a cooling system in which the number of revolutions of a revolving

member is slowed down or stopped during a stand-by state while taking into account the lifetime of the bloower fan bearing.

Japanese Laid-Open Patent Application, Publication Nos. JP63-086587, JP02-294013 (U.S. Patent 5,383,217), and JP06-140695 (U.S. Patent 5,463,650) disclose exposure apparatus having an exposure state and a non-exposure state.

Japanese Laid-Open Patent Application, Publication Nos. JP62-281484 and JP62-026881 disclose a laser oscillation device having laser gas circulation means inlcuding a blower for cooling the laser gas.

Japanese Laid-Open Patent Application, Publication Nos. JP04-022181, JP03-046787 and JP03-070426 and Japanese Utility Model Application No. UM63-070081 disclose apparatus in which any abnormality of the number of revolutions of a blower or a fan is detected by use of detecting means to detect the number of revolutions of the blower or the fan to stop the operation of the blower or the fan.

FORMAL MATTERS

No fee is believed due; however, any fee required in connection with this paper should be charged to Deposit Account 06-1205. A duplicate of this paper is enclosed.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' attorney, Steven E. Warner, may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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PATENT AND TRADEMARK OFFICE

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FORM PTO 1449 (modified)				ATTY DOCKET NO. 00684.002745		APPLICATION NO. 09/163,402	
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				APPLICANT NAOTO SANO, ET AL.			
Submitted: October 6, 2004				FILING DATE September 30, 1998		GROUP 2828	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,383,217	1/17/1995	Uemura	372	58	
		5,463,650	10/31/1995	Ito, et al.	372	57	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		3-295285	12/26/1991	Japan			Abstract
		2-13769	1/18/1990	Japan			Abstract
		2-69785	3/08/1990	Japan			Abstract
		4-57077	2/24/1992	Japan			Abstract
		62-109634	5/20/1987	Japan			Abstract
		64-15249	1/25/1989	Japan			Abstract
		63-86587	4/16/1988	Japan			Abstract
		2-294013	12/05/1990	Japan			Abstract
		6-140695	5/20/1994	Japan			Abstract
		62-281484	12/07/1987	Japan			Abstract
		62-26881	2/04/1987	Japan			Abstract
		4-22181	1/27/1992	Japan			Abstract
		3-46787	2/28/1991	Japan			Abstract
		3-70426	3/26/1991	Japan			Abstract
		63-70081	5/11/1988	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Japanese Official Action (Notice of Reason for Rejection) dated June 18, 2002, plus excerpt English translation.					
		Japanese Official Action (Decision of Rejection) dated October 1, 2002, plus excerpt English translation.					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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